

| Form PTO 1449<br>(Modified)  |                    | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE |                               | ATTY DOCKET NO.<br>274796US3X PCT                                |              | SERIAL NO.<br>10/541,630      |   |
|--|--------------------|--|-------------------------------|--|--------------|-------------------------------|---|
| <div style="border: 1px solid black; border-radius: 50%; padding: 10px; display: inline-block;">             OIPE<br/>             SEP 05 2006<br/>             PATENT &amp; TRADEMARK OFFICE           </div> |                    |  |                               | APPLICANT<br>Tetsuya HIRUMA, et al.                              |              | GROUP<br><del>3727</del> 3782 |   |
|  |                    |  |                               | FILING DATE<br>July 7, 2005                                      |              |                               |   |
| <b>U.S. PATENT DOCUMENTS</b>   |                    |  |                               |  |              |                               |   |
| EXAMINER<br>INITIAL  | DOCUMENT<br>NUMBER | DATE   | NAME                          | CLASS  | SUB<br>CLASS | FILING DATE<br>IF APPROPRIATE |   |
|  | AA                 |  |                               |  |              |                               |   |
|  | AB                 |  |                               |  |              |                               |   |
|  | AC                 |  |                               |  |              |                               |   |
|  | AD                 |  |                               |  |              |                               |   |
|  | AE                 |  |                               |  |              |                               |   |
|  | AF                 |  |                               |  |              |                               |   |
|  | AG                 |  |                               |  |              |                               |   |
|  | AH                 |  |                               |  |              |                               |   |
|  | AI                 |  |                               |  |              |                               |   |
|  | AJ                 |  |                               |  |              |                               |   |
|  | AK                 |  |                               |  |              |                               |   |
|  | AL                 |  |                               |  |              |                               |   |
|  | AM                 |  |                               |  |              |                               |   |
|  | AN                 |  |                               |  |              |                               |   |
| <b>FOREIGN PATENT DOCUMENTS</b>  |                    |  |                               |  |              |                               |   |
|  | DOCUMENT<br>NUMBER | DATE   | COUNTRY                       | TRANSLATION<br>YES NO  |              |                               |   |
|  | AO 8-217098        | 8/27/1996  | Japan (with English Abstract) |  |              |                               | X |
|  | AP                 |  |                               |  |              |                               |   |
|  | AQ                 |  |                               |  |              |                               |   |
|  | AR                 |  |                               |  |              |                               |   |
|  | AS                 |  |                               |  |              |                               |   |
|  | AT                 |  |                               |  |              |                               |   |
|  | AU                 |  |                               |  |              |                               |   |
|  | AV                 |  |                               |  |              |                               |   |
| <b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)</b>   |                    |  |                               |  |              |                               |   |
|  | AW                 |  |                               |  |              |                               |   |
|  | AX                 |  |                               |  |              |                               |   |
|  | AY                 |  |                               |  |              |                               |   |
|  | AZ                 |  |                               |  |              |                               |   |
|  |                    |  |                               | <input type="checkbox"/> Additional References sheet(s) attached |              |                               |   |
| Examiner /Nolan Sandberg/  |                    |  |                               | Date Considered 05/21/2008                                       |              |                               |   |

\*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /N.S./